

# Exhibit B

>AF059485 ACCESSION:AF059485 NID: gi 3170614 gb AF059485.1 AF059485  
Mus musculus DOC4 (Doc4) mRNA, complete cds  
Length = 9722

Score = 5272 bits (13524), Expect = 0.0  
Identities = 2498/2591 (96%), Positives = 2542/2591 (97%), Gaps = 2/2591 (0%)  
Frame = +1

Query: 165 DHPGGLQNHARLRTPPPPPLSHAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEP 224  
DHP LQNH RLRTPPPPPL HAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEP  
Sbjct: 1285 DHPSSLQNHPRRLRTPPPPPLPHAHTPNQHHAASINSLNRGNFTPRSNPSPAPTDHSLSGEP 1464

Query: 225 PAGGAQEPAPAHAQENWLLNSNIPLSTRNLGKQPFLGTLQDNLIEMDILGASRHDGAYSDBGH 284  
PAG AQEP HAQ+NW+LNS IP+ETRNLGKQPFLGT QDNLIEMDI ASR DGAYSDBGH  
Sbjct: 1465 PAGSAQEPHTAQDNWVLNSKIPVETRNLGKQPFLGTWQDNLIEMDIFASRRDAYSDBGH 1644

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F FKPGGTSPLFCTTSPGYPLTSSTVYSPPPRPLPRSTF+RPAFNLKKPSKYCNWKCAAL  
Sbjct: 1645 FFFKPGGTSPLFCTTSPGYPLTSSTVYSPPPRPLPRSTFSRPAFNLKKPSKYCNWKCAAL 1824

Query: 345 SAIVISATLVILLAYFVAMHLFGLNWHLQPMEGQM--YEITEDTASSWPVPTDVSILYPSG 402  
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Query: 403 GTGLETDPDRKGKGTTEGKPSFFPEDSFIDSGEIDVGRRASQKIPPGTFWRSQVFIIDHPV 462  
GTGLETDPDRKGKG EGKPSF PEDSFIDSGEIDVGRRASQKIPPGTFWRSQVFIIDHPV  
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Query: 463 HLKFNVSIGKAALVGIYGRKGLPPSHTQDFVELLDGRRLLTQEARSLGTPRQSRGTVP 522  
HLKFNVSIGKAALVGIYGRKGLPPSHTQ DFVELLDGRRLLTQEARSLG RQSRG VP  
Sbjct: 2185 HLKFNVSIGKAALVGIYGRKGLPPSHTQLDFVELLDGRRLLTQEARSLGEPQRQSRGPVP 2364

Query: 523 PSSHETGFIQYLDSGIWHLAFYNDGKESEVVSFLTATAIESVDNCPSNCYGNDCISGTCH 582  
PSSHETGFIQYLDSGIWHLAFYNDGKESEVVSFLTATAIESVDNCPSNCYGNDCISGTCH  
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Sbjct: 2905 HGTFLPDTGLCNCDPSWTGHDCSIEICAADCGGHGVCVGGTTCRCEDGWMGAACDQRACHP 3084

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Sbjct: 5065 RIVAGRPMHCQVPGIDQFLLSKVAIHATLESATALAVSHNGVLYIAETDEKKINRIRQVT 5244

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TSGEISLVAGAPSGCDCKNDANCDGSGDDGYAKDAKLNTPSSLAVCADGELYVADLGNI  
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RIRFIRKNKPFLNTQNMIELSSPIDQELYLFD+GKHLTYQSLPTGDYLYNFTYTGDGDI  
Sbjct: 5425 RIRFIRKNKPFLNTQNMIELSSPIDQELYLFDTSKGHLTYQSLPTGDYLYNFTYTGDGDI 5604

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Sbjct: 5605 THITDNGNMVNVRDSTGMPLWLVPDQVYVWTMGTSALRSVTTQGHELAMMTYHGN 5784

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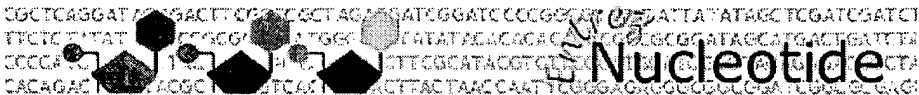
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Search  for

     Show:            

☐ 1: [AF059485](#). *Mus musculus* DOC4...[gi:3170614]

[Links](#)

LOCUS AF059485 9722 bp mRNA linear ROD 15-AUG-1998  
 DEFINITION *Mus musculus* DOC4 (Doc4) mRNA, complete cds.  
 ACCESSION AF059485  
 VERSION AF059485.1 GI:3170614  
 KEYWORDS .  
 SOURCE *Mus musculus* (house mouse)  
 ORGANISM *Mus musculus*  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
 REFERENCE 1 (bases 1 to 9722)  
 AUTHORS Wang,X.Z., Kuroda,M., Sok,J., Batchvarova,N., Kimmel,R., Chung,P.,  
 Zinszner,H. and Ron,D.  
 TITLE Identification of novel stress-induced genes downstream of chop  
 JOURNAL EMBO J. 17 (13), 3619-3630 (1998)  
 MEDLINE 98315054  
 PUBMED 9649432  
 REFERENCE 2 (bases 1 to 9722)  
 AUTHORS Wang,X.-Z. and Ron,D.  
 TITLE Direct Submission  
 JOURNAL Submitted (14-APR-1998) Skirball Institute, New York University  
 Medical Center, 550 First Ave., New York, NY 10016, USA  
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misc\_feature

1813..1881

/gene="Doc4"

/note="putative; transmembrane-region site"

BASE COUNT 2350 a 2747 c 2517 g 2079 t 29 others

ORIGIN

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